

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

IN THE CLAIMS

Please cancel claims 8, 13 and 16 without prejudice, amend claims 1-7, 9-12, 14-15 and 17, and add claims 18-23 as follows:

1. (Currently amended) A radio communication system having a communication channel between a primary station and a secondary station, the primary and secondary stations having means for communicating according to first and second two-way communication modes, wherein the communication channel comprises at least one of an uplink and a downlink channel for the first mode and one of an uplink and a downlink channel for the second mode, the other channel for the second mode being absent, and wherein means are provided for transmitting and receiving data normally routed via an absent channel of one mode via a respective channel of the other mode; and means are provided for transmitting information about a radio interface specification defining the second mode to the secondary station via the downlink communication channel of the first mode.

PATENT

Serial No. 09/920,041

Amendment in Reply to Office Action of August 22, 2005

2. (Currently amended) A system as claimed in claim 1,
~~characterised in that wherein~~ the first mode is one of UMTS TDD,
DECT or Bluetooth.

3. (Currently amended) A system as claimed in claim 1,
~~characterised in that wherein~~ the second mode is HIPERLAN/2 or UMTS
FDD.

4. (Currently amended) A system as claimed in claim 1,
~~characterised in that wherein~~ the communication channel for the
first mode is only operable in both of an uplink and a downlink
direction.

5. (Currently amended) A system as claimed in claim 1,
~~characterised in that wherein~~ the communication channel for the
first mode is only operable in the one of an uplink and a downlink
direction not provided for the second mode, and means are provided
for transmitting and receiving data normally routed via the absent
channel of the first mode via ~~the~~ a present channel for the second
mode.

PATENT

Serial No. 09/920,041

Amendment in Reply to Office Action of August 22, 2003

6. (Currently amended) A primary station for use in a radio communication system having a communication channel between the primary station and a secondary station, wherein means are provided for communicating according to first and second two-way communication modes, the communication channel comprises at least one of an uplink and a downlink channel for the first mode and one of an uplink and a downlink channel for the second mode, the other channel for the second mode being absent, ~~and wherein~~ means are provided for transmitting or receiving data normally routed via an absent channel of one mode via a respective channel of the other mode; and means are provided for transmitting information about a radio interface specification defining the second mode to the secondary station via the downlink communication channel of the first mode.

7. (Currently amended) A primary station as claimed in claim 6, ~~characterised in that wherein~~ the means for communicating according to a first communication mode and the means for communicating according to a second communication mode are located

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

in separate stations and in that a communication link is provided between the stations.

Claim 8 (Canceled)

9. (Currently amended) A primary station as claimed in claim 8, ~~characterised in that 6, wherein~~ the information comprises the specification itself.

10. (Currently amended) A primary station as claimed in claim 8, ~~characterised in that 6, wherein~~ the information comprises a software module for implementing the specification.

11. (Currently amended) A primary station as claimed in claim 8, ~~characterised in that 6, wherein~~ the information comprises the location of a source from which the secondary station can obtain the specification.

12. (Currently amended) A secondary station for use in a radio communication system having a communication channel between a

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

primary station and the secondary station, wherein means are provided for communicating according to first and second two-way communication modes, the communication channel comprises at least one of an uplink and a downlink channel for the first mode and one of an uplink and a downlink channel for the second mode, the other channel for the second mode being absent, ~~and wherein~~ means are provided for transmitting or receiving data normally routed via an absent channel of one mode via a respective channel of the other mode; and means are provided for receiving information about a radio interface specification defining the second mode transmitted by the primary station via the downlink communication channel of the first mode and for implementing the second mode in response to the received information.

Claim 13 (Canceled)

14. (Currently amended) A secondary station as claimed in claim 13, ~~characterised in 12, wherein~~ that the means for implementing the second mode comprise means for obtaining a specification for the second mode from a source specified by the

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

primary station.

15. (Currently amended) A method of operating a radio communication system having a communication channel between a primary station and a secondary station, wherein the system supports communications according to first and second two-way communication modes, the communication channel comprises at least one of an uplink and a downlink channel for the first mode and one of an uplink and a downlink channel for the second mode, the other channel for the second mode being absent, and the method comprises transmitting and receiving data normally routed via an absent channel of one mode via a respective channel of the other mode; and the primary station transmitting information about a radio interface specification defining the second mode to the secondary station via the downlink communication channel of the first mode and by the secondary station implementing the second mode in response to the received information.

Claim 16 (Canceled)

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

17. (Currently amended) A method as claimed in claim 15,
~~characterised by wherein the second mode being is~~ activated and
deactivated as required while the first mode remains active.

18. (New) A communication station for communication with a
further station; said communication station comprising:

a first transceiver configured to at least one of transmit
first information over a first communication link in a first mode,
and receive second information over a second communication link in
said first mode;

at least one of a transmitter and receiver configured to at
least one of transmit and receive third information over a third
communication link in a second mode;

wherein when at least one of said first communication link and
said second communication link is not available, then at least one
of said first information and said second information is
communicated to said communication station via said third
communication link in said second mode.

PATENT
Serial No. 09/920,041
Amendment in Reply to Office Action of August 22, 2005

19.(New) The communication station of claim 18, further comprising a converter configured to convert mode one data related to said first mode and received over said third communication link in said second mode to converted data that is further processed as if received via one of said first communication link and said second communication link associated with said first mode.

20.(New) The communication station of claim 18, wherein said communication via said third communication link is at a higher communication rate than via at least one of said first communication link and said second communication link.

21.(New) The communication station of claim 18, wherein said third communication link is configured for use for at least one of communicating video data and web browsing.

22.(New) The communication station of claim 18, wherein at least one of said first transceiver and said transmitter is configured for transmitting specification information about a radio interface specification defining said second mode.

PATENT

Serial No. 09/920,041

Amendment in Reply to Office Action of August 22, 2005

23.(New) The communication station of claim 23, wherein said specification information is transmitted to said further station via at least one of said first communication link and said second communication link.